				Annual U	•		
	Power			(hours/)	,	Annual Consumption	Annual Cost
Kitchen	<u>Active</u>	<u>ldle</u>	<u>Off</u>	Active Idle	Off Off	(kWh/year)	<u>(\$)</u> (2
	1 000	70	0	20 20	0 0 402	FO	F. C
Coffee Maker	1,000	70	0		29 8,493	58	5.6
Dishwasher (3)	4 500		2	365 (4)	0.000	120	11.6
Microwave Oven	1,500		3	70	8,690	131	12.6
Toaster Oven	1,051			37		54	5.2
Refrigerator-Freezer						660	63.1
Freezer						470	45.0
Lighting							
18-W Compact Fluorescent	18			1,189		20	2.1
60-W Incandescent Lamp	60			672		40	3.9
100-W Incandescent Lamp	100			672		70	6.4
Torchiere Lamp-Halogen	300			1,460		440	42.0
Bedroom and Bathroom							
Hair Dryer	710			50		40	3.4
Waterbed Heater	350			3,051		1,070	102.7
Laundry Room							
Clothes Dryer				359 (4)		1,000	96.0
Clothes Washer (3)				392 (4)		110 (3)	10.4
Home Electronics							
Desktop PCs	75	4	2	2,990 33	5,440	237	22.8
Notebook PCs	25	2	2	2,368 93	5,457	72	6.9
Desktop Computer Monitors	42	1	1	1,865 87	5 6,020	85	8.2
Stereo Systems	33	30	3	1,510 1,81	0 5,440	119	11.4
Televisions	97		4	1,860	6,900	222 (7)	21.3
Analog, <40"	86			1,095 (5)		184	17.7
Analog, >40"	156			1,825 (5)		312	30.0
Digital, ED/HD TV, <40"	150			1,095 (5)		301	28.9
Digital, ED/HD TV, >40"	234			1,825 (5)		455	43.7
Set-top Boxes	20	0	20	6,450	0 2,310	178	17.1
DVD/VCR	17	13	3	170 5,15		78	7.5
Video Game Systems	36	36	1		0 7,795	41	3.9
Heating and Cooling					,		
Dehumidifier	600			1,620		970	93.3
Furnace Fan	295			1,350		400	38.2
Ceiling Fan (only fan motor)	35			2,310		81	7.8
Space Heater	1,320	1		584		314	30.1
Nater Heating	1,020					<b>V</b> 1 1	00.1
Water Heating Water Heater-Family of 4	4,500			64 (6)		4,770	458.3
Water Heater-Family of 2	4,500			32 (6)		2,340	224.3
Portable Spa	4,350	275		25 8,73	85	2,525	242.4
Miscellaneous	4,330	213		25 0,73	,,	۷,۵۷	Z4Z.4
	13	4		73		38	3.6
Rechargeable Power Tool		4					
Vacuum	542			37		55 700	5.3
Pool Pump	1,000			792		790	76.0
Well Pump	725			115		80	8.0
Lawn Sprinkler	11			0		32	3.1
Aquarium Equipment	24			6,534		153	14.6

Note(s): 1) Power draw will vary due to appliance components and modes of operation. 2) \$0.096/kWh. 3) Excludes electricity for water heating and drying. 4) Cycles/year. 5) TVs <40" are estimated on 3 hours/day and TVs >40" are estimated on 5 hours/day. 6) Gallons/day. 7) Power, usage and annual consumption values for televisions are weighted averages of multiple usage types and screen sizes.

Source(s): BTS/A.D. Little, Electricity Consumption by Small End Uses in Residential Buildings, Aug. 1998, Exhibit 6-8, p. 6-10 for clothes washer, computer, dehumidifier, dishwasher, furnace fan, pool pump, torchiere lamp-halogen, waterbed heater, and well pump; LBNL, Energy Data Sourcebook for the U.S. Residential Sector, LBNL-40297, Sept. 1997, p. 100-102 for clothes dryers, Table 10.2, p. 108 for lighting, and p. 62-67 for water heaters; LBNL, Miscellaneous Electricity Use in the U.S. Residential Sector, LBNL-40295, Apr. 1998, Appendix D for hair dryers; EIA, Supplement to AEO 2008, June 2008, Table 21 for refrigerator and freezer; GAMA, Consumers' Directory of Certified Efficiency Ratings for Heating and Water Heating Equipment, Apr. 2000 for water heater power draw; EIA/TIAX, Commercial and Residential Sector Miscellaneous Electricity Consumption: FY2005 and Projections to 2030, Sept. 2006, p. 41-60 for coffee maker, microwave oven, stereo systems, TVs, DVD/VCR, ceiling fan, and portable spa; TIAX, Energy Consumption by Consumer Electronics in U.S. Residences, Final Report to

the Consumer Electronics Association, Jan. 2007, p. 69-72 for desktop and notebook PCs, p. 62-63 for monitors, p. 85-90 for TVs, p. 76-81 for set-top boxes, and p. 103-105 for video game systems; and Energy Center of Wisconsin, Electricity Savings Opportunities for Home Electronics and Other Plug-In Devices in Minnesota Homes, May 2010, pp. 52-57 for toaster ovens, spaceheaters, power tools, vacuums, lawn sprinklers, and acquarium equipment.